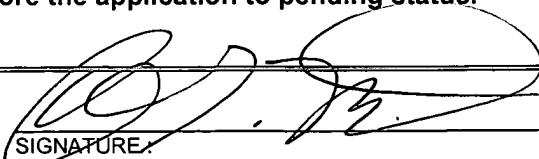


SUBSTITUTE FORM PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY DOCKET NUMBER 11283-019US1
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If Known, see 37 CFR 1.5) 10/089014
INTERNATIONAL APPLICATION NO. PCT/JP2001/020146	INTERNATIONAL FILING DATE 30 Mar 2000	PRIORITY DATE CLAIMED
TITLE OF INVENTION GDP-4-KETO-6-DEOXY-D-MANNOSE-3, 5-EPIMERASE-4-REDUCTASE GENE DERIVED FROM ARABIDOPSIS THALIANA		
APPLICANT(S) FOR DO/EO/US Ken-ichi Nakayama and Yoshifumi Jigami		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. <input type="checkbox"/> This is an express request to promptly begin national examination procedures (35 U.S.C. 371(f)). <input type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (PCT Article 31). <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). <input checked="" type="checkbox"/> has been communicated by the International Bureau. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). <input type="checkbox"/> have been communicated by the International Bureau. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. <input checked="" type="checkbox"/> have not been made and will not be made. <input type="checkbox"/> An English language translation of amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 		
Items 11 to 16 below concern other documents or information included:		
<ol style="list-style-type: none"> <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. <input type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. <input type="checkbox"/> A substitute specification. <input type="checkbox"/> A change of power of attorney and/or address letter: <input checked="" type="checkbox"/> Other items or information: <ul style="list-style-type: none"> <input checked="" type="checkbox"/> International Search Report <input checked="" type="checkbox"/> PH-935-PCT <input checked="" type="checkbox"/> WO 01/38507 <input checked="" type="checkbox"/> PCT/IPEA/416 <input checked="" type="checkbox"/> International Form FERM BP-7107 through 7109 <input checked="" type="checkbox"/> PCT/IB/308 <input checked="" type="checkbox"/> PCT/IPEA/409 		
CERTIFICATE OF MAILING BY EXPRESS MAIL <small>I hereby certify under 37 CFR §1.10 that this correspondence is being deposited with the United States Postal Service as Express Mail Post Office to Addressee with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, DC 20231.</small>		Express Mail Label No. EFOY50655760
Date of Deposit March 25, 2002	Signature Freeman R. M.	Typed Name of Person Signing Freeman Roberts

U.S. APPLICATION NO. (IF KNOWN)	INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NUMBER		
10/089014 PCT/JP00/02049		11283-019US1		
17. <input type="checkbox"/> The following fees are submitted:				
Basic National Fee (37 CFR 1.492(a)(1)- (5)):				
Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1040				
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$890				
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO..... \$740				
International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4)..... \$710				
International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4)..... \$100				
ENTER APPROPRIATE BASIC FEE AMOUNT =				
\$890.00				
Surcharge of \$130 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				
\$0.00				
Claims	Number Filed	Number Extra	Rate	
Total Claims	10 - 20 =	0	x \$18	\$0.00
Independent Claims	2 - 3 =	0	x \$84	\$0.00
MULTIPLE DEPENDENT CLAIMS(S) (if applicable)			+ \$280	\$280.00
TOTAL OF ABOVE CALCULATIONS =			\$0.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.			\$0.00	
SUBTOTAL =			\$1,170.00	
Processing fee of \$130 for furnishing the English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f))			\$0.00	
TOTAL NATIONAL FEE =			\$1,170.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +			\$40.00	
TOTAL FEES ENCLOSED =			\$1,210.00	
			Amount to be refunded:	\$
			Charged:	\$
a. <input checked="" type="checkbox"/> A check in the amount of \$1,210.00 to cover the above fees is enclosed.				
b. <input type="checkbox"/> Please charge my Deposit Account No. 06-1050 in the amount of \$0.00 to cover the above fees. A duplicate copy of this sheet is enclosed.				
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-1050. A duplicate copy of this sheet is enclosed.				
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b) must be filed and granted to restore the application to pending status.				
SEND ALL CORRESPONDENCE TO:				
Chris T. Mizumoto FISH & RICHARDSON P.C. 45 Rockefeller Plaza, Suite 2800 New York, New York 10111 (212) 765-5070 phone (212) 258-2291 facsimile				
 SIGNATURE:				
Chris T. Mizumoto				
NAME				
42,899				
REGISTRATION NUMBER				

APPLICATION
FOR
UNITED STATES LETTERS PATENT

TITLE: GDP-4-KETO-6-DEOXY-D-MANNOSE-3, 5-EPIMERASE-
4-REDUCTASE GENE DERIVED FROM ARABIDOPSIS
THALIANA

APPLICANT: KEN-ICHI NAKAYAMA AND YOSHIFUMI JIGAMI

CERTIFICATE OF MAILING BY EXPRESS MAIL

Express Mail Label No. EF045065576US

I hereby certify under 37 CFR §1.10 that this correspondence is being deposited with the United States Postal Service as Express Mail Post Office to Addressee with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

March 25, 2002

Date of Deposit



Signature

Francisco Robles

Typed or Printed Name of Person Signing Certificate